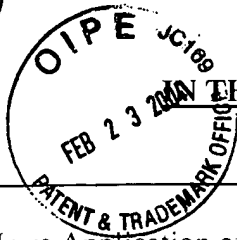


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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

U'Ren, et al.

Serial No.: 10/066,871

Filed: February 4, 2002

For: **Band Gap Compensated HBT**

Art Unit: 2815

Examiner: Nguyen, Joseph H.

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

In this Information Disclosure Statement and pursuant to 37 C.F.R. §§ 1.56 and 1.97, Applicants hereby disclose to the Patent Office patents, publications or other information of which Applicants are aware. A copy of a German patent is included with Form 1449 submitted herewith.

The German patent No. DE 19652423, published in June 10, 1998, is hereby disclosed to the PTO in the present information disclosure statement. The abstract of the patent, which is the only portion available to Applicant in English, states:

"In a silicon-germanium hetero transistor (HBT) having a silicon collector layer, a doped silicon-germanium base layer and a silicon emitter layer, the novelty is that an additional electrically inactive material, preferably Va element (especially carbon), is incorporated at 10^{18} - 10^{21} cm⁻³ concentration in at least one of the layers, causing a lattice change of less than 5×10^{-3} . Also claimed is a process for producing the individual layers of the above HBT, in which the additional electrically inactive material is supplied during production of individual layers and in which the base layer is simultaneously doped with impurity (preferably boron) atoms. Preferably, epitaxial layer formation is carried out by CVD or MBE."

This patent might be relevant to the present application since it was cited by the Taiwan IPO on December 10, 2003, in a counterpart Taiwan application.

The items identified in this Information Disclosure Statement may or may not be "material" as defined in 37 C.F.R. § 1.56, and the submission thereof by Applicants is not to be construed as an admission that any such patent, publication or other information referred to is material or considered to be material (37 C.F.R. § 1.97(h)), or even qualifies as "prior art" under 35 U.S.C. § 102 with respect to the present invention unless specifically designated by Applicants as such. Identification of any reference or patent herein is not an admission, nor is it to be construed as an admission, that it was invented prior to the invention disclosed herein.


The filing of this Information Disclosure Statement is not to be construed to mean that a search has been made or that no other material information, as defined in 37 C.F.R. § 1.56, exists.

In accordance with 37 C.F.R. § 1.97 no fee is believed due at this time, since this Information Disclosure Statement is filed in accordance with 37 C.F.R. § 1.97(c) and in accordance with 37 C.F.R. § 1.97(e)(1). Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

The Assistant Commissioner is hereby authorized to charge or credit Deposit Account Number 50-0731 for any deficiency or overpayment in the fees required for the filing of this Information Disclosure Statement, for which purpose a duplicate copy of this paper is also included.

Respectfully submitted,
Farjani & Farjani LLP

Dated: 2/16/04


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CERTIFICATE OF MAILING

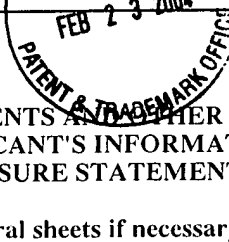
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FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 01CON312P	SERIAL NO. 10/066,871
APPLICANTS: U'Ren, et al.		
FILING DATE: February 4, 2002		GROUP ART: 2815

U.S. PATENT DOCUMENTS							
Exam. Initials		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AA						
	AB						

FOREIGN PATENT DOCUMENT								
Exam. Initials		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	BA	DE 19652423	June 10, 1998	German Patent Office				
	BB							
	BC							
	BD							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	CA	
	CB	

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.	
Information Disclosure Statement -- Section 9 PTO-1449 Page <u>1</u> of <u>1</u>	